

Amendments:

Please add new claims 37-40 as follows:

A 1

37. (New) The method of claim 27 wherein the measurement of conversion of a substrate to a product by fructosamine oxidase is conducted on a sample from a human subject.

38. (New) The method of claim 37 wherein the sample is selected from the group consisting of blood, plasma, and serum.

39. (New) The method of claim 37 wherein the human subject is known to be, or suspected of, suffering from diabetes mellitus.

40. (New) The method of claim 39 further comprising determining whether the level of fructosamine oxidase activity in the sample is in a normal range.